

Title (en)  
DISPENSING SYSTEM

Title (de)  
AUSGABESYSTEM

Title (fr)  
SYSTÈME DE DISTRIBUTION

Publication  
**EP 3977905 A1 20220406 (EN)**

Application  
**EP 21209487 A 20180706**

Priority  

- US 201762529812 P 20170707
- EP 18746409 A 20180706
- US 2018041053 W 20180706

Abstract (en)

A dispensing system, comprising:a housing;a reservoir secured to the housing;a cavity located in an upper portion of the reservoir, wherein the cavity is configured so that air in the reservoir migrates to the cavity;an air passage extending upward from the cavity;a liquid passage extending upward from the reservoir;a bottom of the liquid passage being located below a bottom of the air passage;at least one engagement member, wherein the engagement member is configured to mate with a refill container;a pump having a pump chamber in fluid communication with the reservoir;an outlet nozzle in fluid communication with the pump chamber; anda refill container configured to be releasably attached to the reservoir such that the refill container is in fluid communication with the reservoir through the at least one engagement member;the refill container having at least one sealing member

IPC 8 full level

**A47K 5/12** (2006.01)

CPC (source: EP US)

**A47K 5/1202** (2013.01 - US); **A47K 5/1207** (2013.01 - EP US); **A47K 5/1208** (2013.01 - US); **A47K 5/1211** (2013.01 - US);  
**A47K 5/14** (2013.01 - US); **B05B 11/0044** (2018.08 - US); **B05B 11/0054** (2013.01 - US); **B05B 11/0056** (2013.01 - EP US);  
**B05B 11/1087** (2023.01 - US); **B67D 3/0032** (2013.01 - US); **B05B 11/1087** (2023.01 - EP)

Citation (applicant)

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DOCDB simple family (publication)

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US 11980901 B2 20240514; US 2020197966 A1 20200625; US 2023158527 A1 20230525

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US 201816623150 A 20180706; US 202217728034 A 20220425